Docket No.: 51876P349

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

HAENG SOOK RO, ET AL.

Art Group:

Application No.:

Examiner:

Filed:

For: MICROSTRIP PATCH ARRAY ANTENNA FOR

SUPPRESSING SIDE LOBES

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Utility Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Copies of the references cited on PTO/SB/08 are enclosed herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Eric S. Hyman, Reg. No. 30,139

Date:

7/11/03

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 (310) 207-3800

Substitute for form 1449A/PTO				Complete if Known			
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STATEMENT BY APPLICANT (use as many sheets as necessary)				Art Unit	:		
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Sheet	. 1	of	2	Attorney Docket Number	51876P349		

	U.S. PATENT DOCUMENTS							
Examiner Cite No.1		Document Number Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,	
Initials* No.1		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
		KR Pub. No.2001-108546	12-08-2001	LG INNOTEC CO, LTD	Abstract	
		Japan Pub. No. 2000-228606	08-15-2000	MITSUBISHI ELECTRIC	Abstract	
		Japan Pub. No. 11-088044	03-30-1999	MITSUBISHI ELECTRIC	Abstract	
		Japan Pub. No. 2000-236213	08-29-2000	MITSUBISHI ELECTRIC	Abstract	_
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

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OTHER ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. EUGENE D. SHARP; "A Triangular Arrangement of Planar-Array Elements That Reduces the Number Needed"; IRE Transactions on Antennas and Propagation, Vol. AP-9, No. 2, March 1961, Pages 126-129.						
		Korea Communication Papers in Summer, July 5, 2001; "The Study of an Optimization Phased Array Antennas" (Abstract)						
		Microwaves and Radio waves Paper in Spring, Vol. 23, No. 1, May 20, 2000, pages 313-317; "Analysis of the Cavity-Backed Circular Microstrip Array Antenna With Triangular Grid" (Abstract)						
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